

**Listing of Claims:**

1. – 4. (Cancelled)

5. (New) A method for manufacturing a blade on an outside circumference of an impeller, comprising the steps of:

contouring a surface of the blade by a molded cathode; and  
simultaneously with the contouring step, producing a structure on the surface of the blade by the molded cathode, wherein the structure on the surface of the blade is a negative of a structure on the molded cathode.

6. (New) The method according to Claim 5, wherein the structure on the surface of the blade is a boundary layer minimizing structure.

7. (New) An apparatus for manufacturing a blade on an outside circumference of an impeller, comprising:

a molded cathode, wherein the molded cathode includes a structure on a surface of the molded cathode.

8. (New) The apparatus according to Claim 7, wherein the structure on the surface of the molded cathode forms a boundary layer minimizing structure on a surface of the blade.